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=> s l18

L19 1 L18

=> d his

(FILE 'HOME' ENTERED AT 13:06:09 ON 01 MAR 2007)

FILE 'REGISTRY' ENTERED AT 13:06:20 ON 01 MAR 2007

L1 STRUCTURE UPLOADED

L2 0 S 530349Z1

L3 15 S L1 FULL

FILE 'CAPLUS' ENTERED AT 13:07:48 ON 01 MAR 2007

L4 9 S L3

L5 12059 S ANTIREFLECTIVE OR ANTI-REFLECTIVE

L6 1 S L4 AND L5

L7 STRUCTURE UPLOADED

L8 0 S 530349Z2

S L7

FILE 'REGISTRY' ENTERED AT 13:13:04 ON 01 MAR 2007

L9 0 S L7 FULL

FILE 'CAPLUS' ENTERED AT 13:13:05 ON 01 MAR 2007

L10 0 S L9 FULL

L11 STRUCTURE UPLOADED

L12 0 S 530349Z3

S L11

FILE 'REGISTRY' ENTERED AT 13:13:59 ON 01 MAR 2007

L13 1 S L11 FULL

FILE 'CAPLUS' ENTERED AT 13:14:01 ON 01 MAR 2007

L14 1 S L13 FULL

FILE 'CAPLUS' ENTERED AT 13:14:18 ON 01 MAR 2007

L15 1 S L14

L16 0 S L5 AND L14

FILE 'REGISTRY' ENTERED AT 13:37:58 ON 01 MAR 2007

L17 STRUCTURE UPLOADED

L18 2 S L17 FULL

FILE 'CAPLUS' ENTERED AT 13:39:01 ON 01 MAR 2007

L19 1 S L18

=> d bib ab hitstr

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:333991 CAPLUS <<LOGINID::20070301>>

DN 140:359011

TI Bottom anti-reflective coatings derived from small core molecules with multiple epoxy moieties

IN Neef, Charles J.; Bhawe, Mandar; Fowler, Michelle; Windsor, Michelle

PA Brewer Science, Inc., USA

SO PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DT Patent

LA English

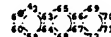
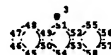
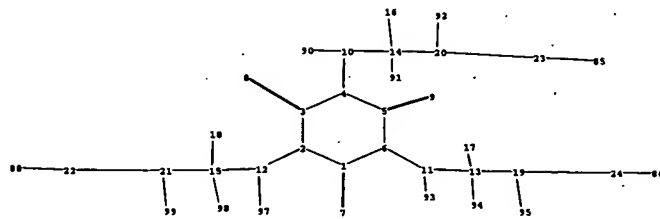
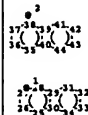
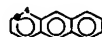
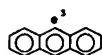
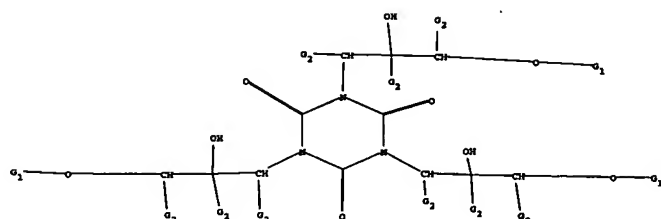
FAN.CNT 1

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PI	WO 2004034435	A2	20040422	WO 2003-US332091	20031007
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10/530,349
CA STRUC. SEARCH
Compds. cl 2 + 3

3/1/07, R2A.
3/2/07



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 85 86 88 90 91 92 93 94 95
97 98 99

ring nodes :

1 2 3 4 5 6 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72
73 74 75 76 77 78

chain bonds :

1-7 2-12 3-8 4-10 5-9 6-11 10-14 10-90 11-13 11-93 12-15 12-97 13-17 13-19 13-94 14-16
14-20 14-91 15-18 15-21 15-98 19-95 19-24 20-92 20-23 21-99 21-22 22-88 23-85 24-86

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 25-26 25-30 26-27 27-28 28-29 29-30 29-31 30-34 31-32 32-33 33-34
35-36 35-40 36-37 37-38 38-39 39-40 39-41 40-44 41-42 42-43 43-44 45-46 45-50 46-47 47-48
48-49 49-50 49-51 50-54 51-52 52-53 52-55 53-54 53-58 55-56 56-57 57-58 59-60 59-64 60-61
61-62 62-63 63-64 63-65 64-68 65-66 66-67 66-69 67-68 67-72 69-70 70-71 71-72 73-74 73-78
74-75 75-76 76-77 77-78

exact/norm bonds :

1-2 1-6 1-7 2-3 2-12 3-4 3-8 4-5 4-10 5-6 5-9 6-11 10-90 11-93 12-97 13-17 13-94 14-16
14-91 15-18 15-98 19-95 19-24 20-92 20-23 21-99 21-22 22-88 23-85 24-86

exact bonds :

10-14 11-13 12-15 13-19 14-20 15-21

normalized bonds :

25-26 25-30 26-27 27-28 28-29 29-30 29-31 30-34 31-32 32-33 33-34 35-36 35-40 36-37 37-38
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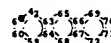
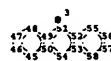
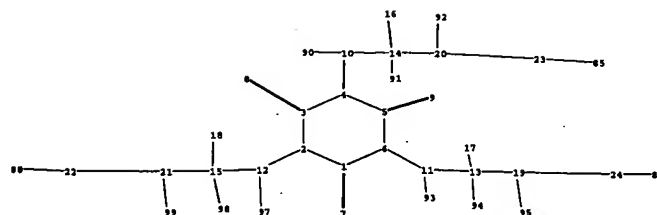
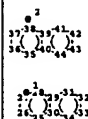
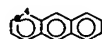
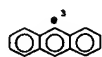
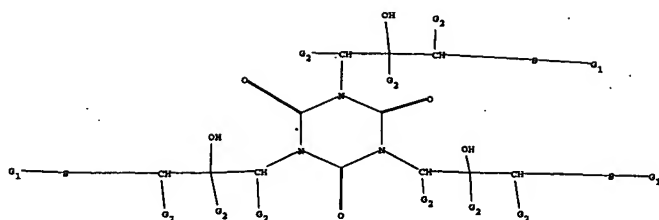
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64-68 65-66 66-67 66-69 67-68 67-72 69-70 70-71 71-72 73-74 73-78 74-75 75-76 76-77 77-78

G1:[*1],[*2],[*3],[*4],[*5]

G2:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS10:CLASS11:CLASS12:CLASS
13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS18:CLASS19:CLASS20:CLASS21:CLASS22:CLASS
23:CLASS24:CLASS25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom
45:Atom 46:Atom 47:Atom 48:Atom 49:Atom 50:Atom 51:Atom 52:Atom 53:Atom 54:Atom 55:Atom
56:Atom 57:Atom 58:Atom 59:Atom 60:Atom 61:Atom 62:Atom 63:Atom 64:Atom 65:Atom 66:Atom
67:Atom 68:Atom 69:Atom 70:Atom 71:Atom 72:Atom 73:Atom 74:Atom 75:Atom 76:Atom 77:Atom
78:Atom 85:CLASS86:CLASS88:CLASS90:CLASS91:CLASS92:CLASS93:CLASS94:CLASS95:CLASS
97:CLASS98:CLASS99:CLASS



7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 85 86 88 90 91 92 93 94 95
97 98 99

1 2 3 4 5 6 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
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1-7 2-12 3-8 4-10 5-9 6-11 10-14 10-90 11-13 11-93 12-15 12-97 13-17 13-19 13-94 14-16
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10-14 11-13 12-15 13-19 14-20 15-21

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51-52

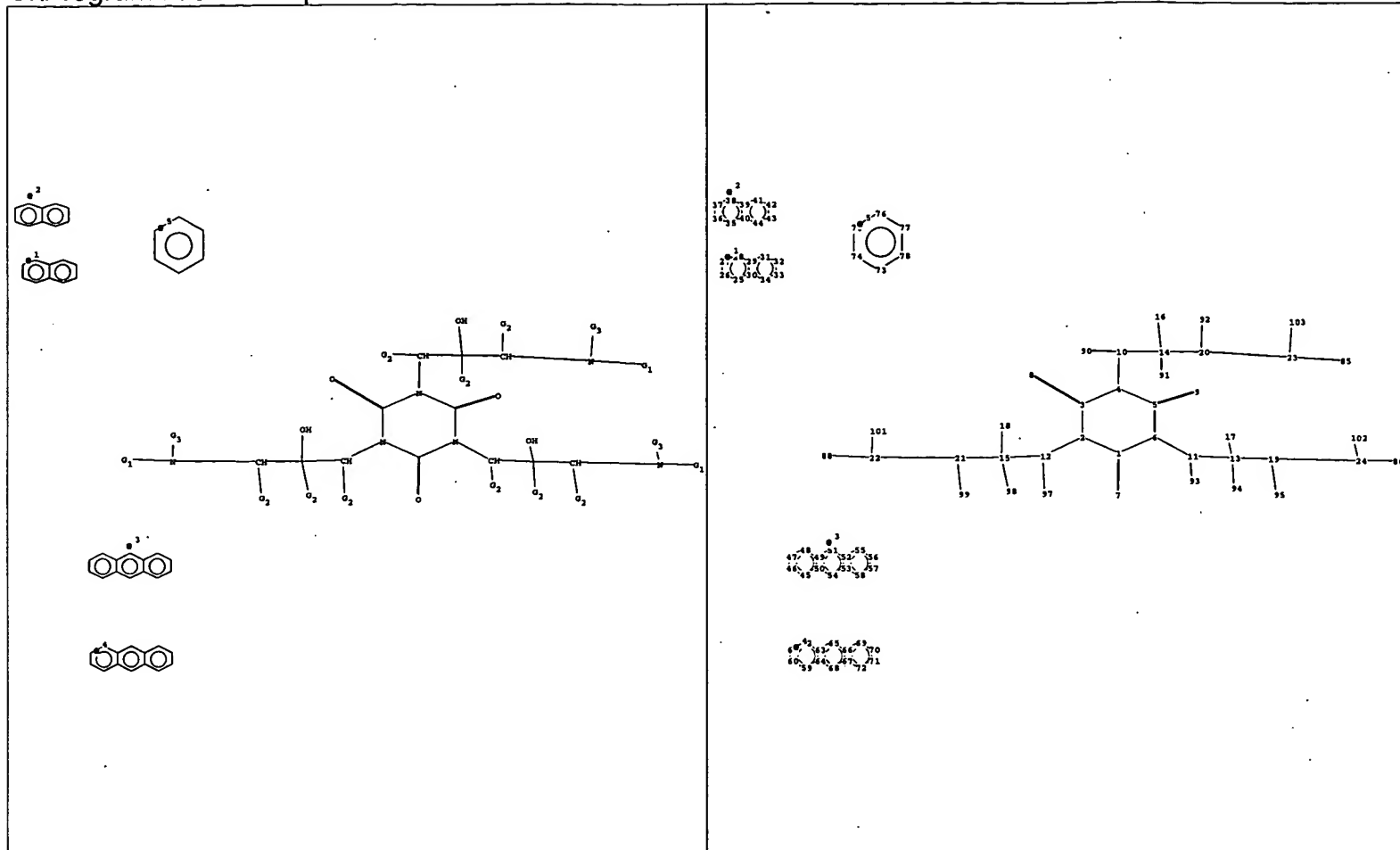
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23:CLASS24:CLASS25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom
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97:CLASS98:CLASS99:CLASS



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97 98 99 101 102 103

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73 74 75 76 77 78

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14-20 14-91 15-18 15-21 15-98 19-95 19-24 20-92 20-23 21-99 21-22 22-88 22-101 23-85 23-103
24-86 24-102

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24-102

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G1:[*1],[*2],[*3],[*4],[*5]

G2:H,CH3,Et

G3:CH3,H

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS10:CLASS11:CLASS12:CLASS
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78:Atom 85:CLASS86:CLASS88:CLASS90:CLASS91:CLASS92:CLASS93:CLASS94:CLASS95:CLASS
97:CLASS98:CLASS99:CLASS101:CLASS102:CLASS103:CLASS

L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:88487 CAPLUS
 DN 146:164746
 TI Nanotextured surfaces and super-hydrophobic crosslinkable compositions for their formation
 IN Guire, Patrick; Taton, Kristin; Wen, Jie; Lawin, Laurie R.
 PA Innovative Surface Technologies, LLC, USA
 SO PCT Int. Appl., 85pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007011731	A2	20070125	WO 2006-US27378	20060714
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	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI US 2005-699200P P 20050714
 US 2006-807143P P 20060712
 US 2006-457170 A 20060713

AB The invention describes novel compns. that include a crosslinking compound, a polymer and a 1 nm to about a 25 μ sized particle optionally with an oxide layer. In particular, the particle is a silica and one which has been pretreated with a silane. Thus, a crosslinking compound was prepared from triglycidyl isocyanate and 4-hydroxybenzophenone by etherification.

IT 917248-81-8P 920017-65-8P

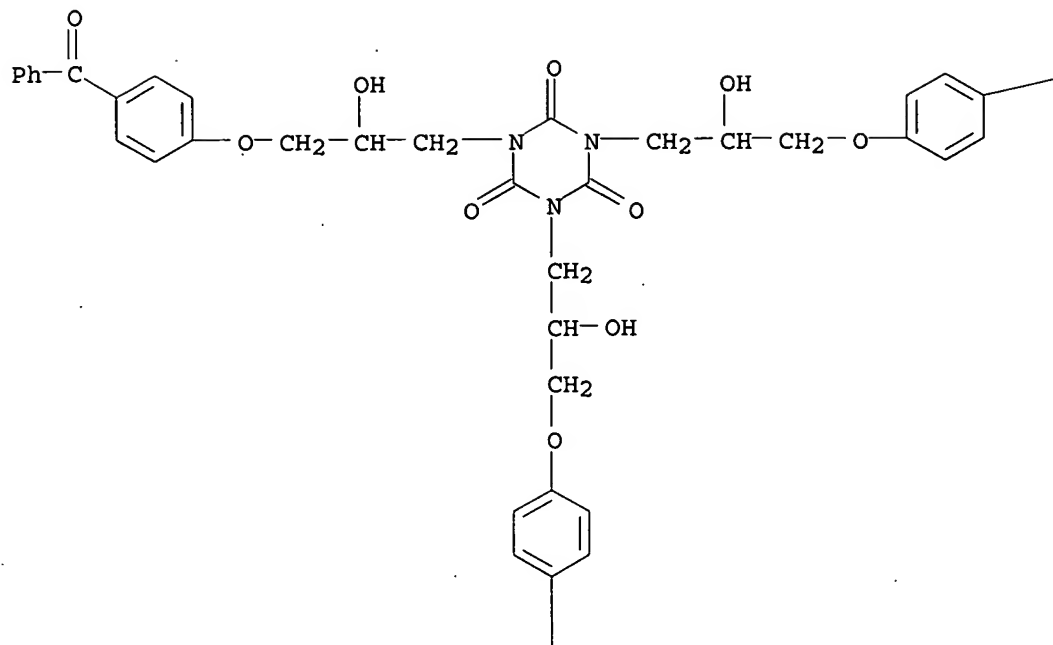
RL: CAT (Catalyst use); IMF (Industrial manufacture); PREP (Preparation); USES (Uses)

(photocuring catalyst; manufacture of super-hydrophobic photo-crosslinkable compns. for forming nanotextured surfaces)

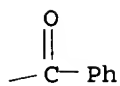
RN 917248-81-8 CAPLUS

CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[3-(4-benzoylphenoxy)-2-hydroxypropyl]- (CA INDEX NAME)

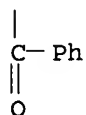
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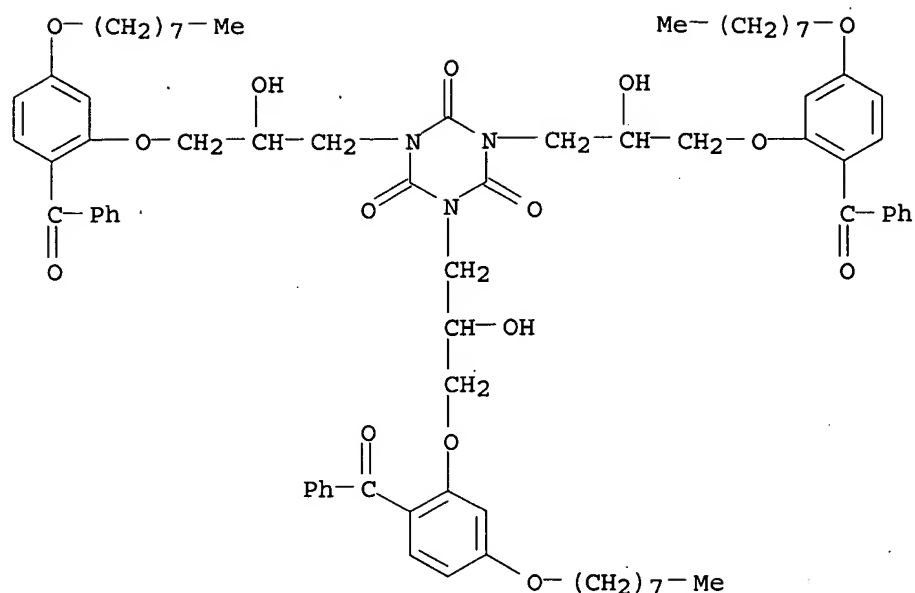
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PAGE 2-A



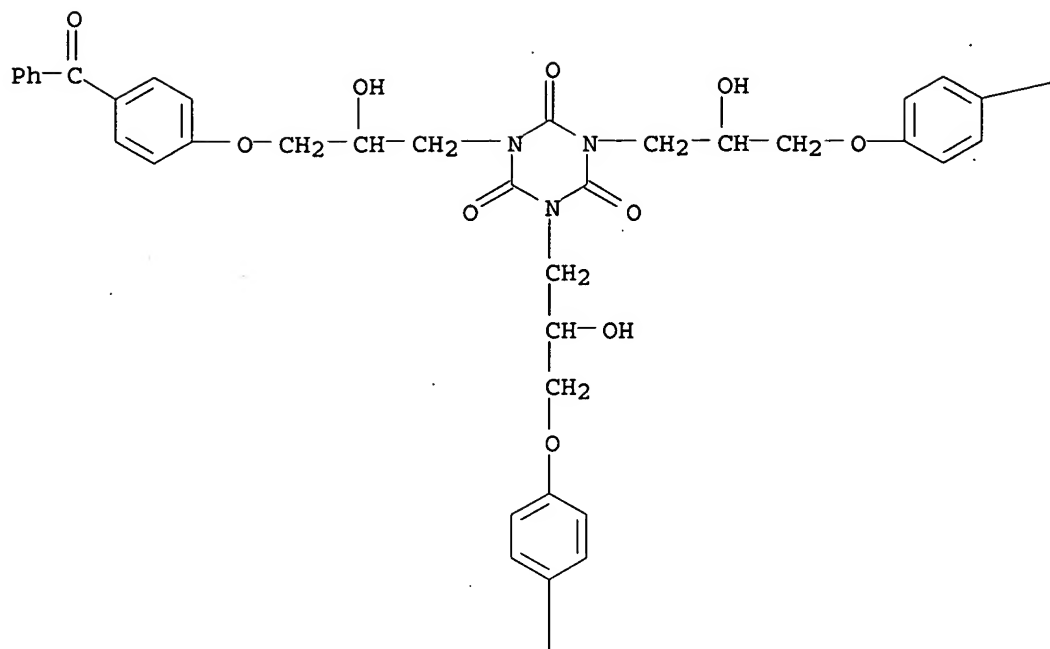
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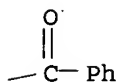
L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:1338625 CAPLUS
 DN 146:82306
 TI Hydrophilic photochemical crosslinkers for use in surface coatings
 IN Guire, Patirck; Taton, Kristin; Wen, Jie
 PA Innovative Surface Technologies, LLC, USA
 SO PCT Int. Appl., 87pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006135910	A1	20061221	WO 2006-US23058	20060613
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PRAI US 2005-690018P	P	20050613		
US 2005-709330P	P	20050818		
US 2006-804222P	P	20060608		
US 2006-423503	A	20060612		
AB Crosslinking compds. containing ≥ 1 photoactivatable moieties and hydrophilic moieties are prepared IT 917248-81-8P RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent) (hydrophilic photochem. crosslinkers for use in surface coatings) RN 917248-81-8 CAPLUS CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[3-(4-benzoylphenoxy)-2-hydroxypropyl]- (CA INDEX NAME)				

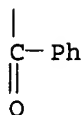
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PAGE 1-B

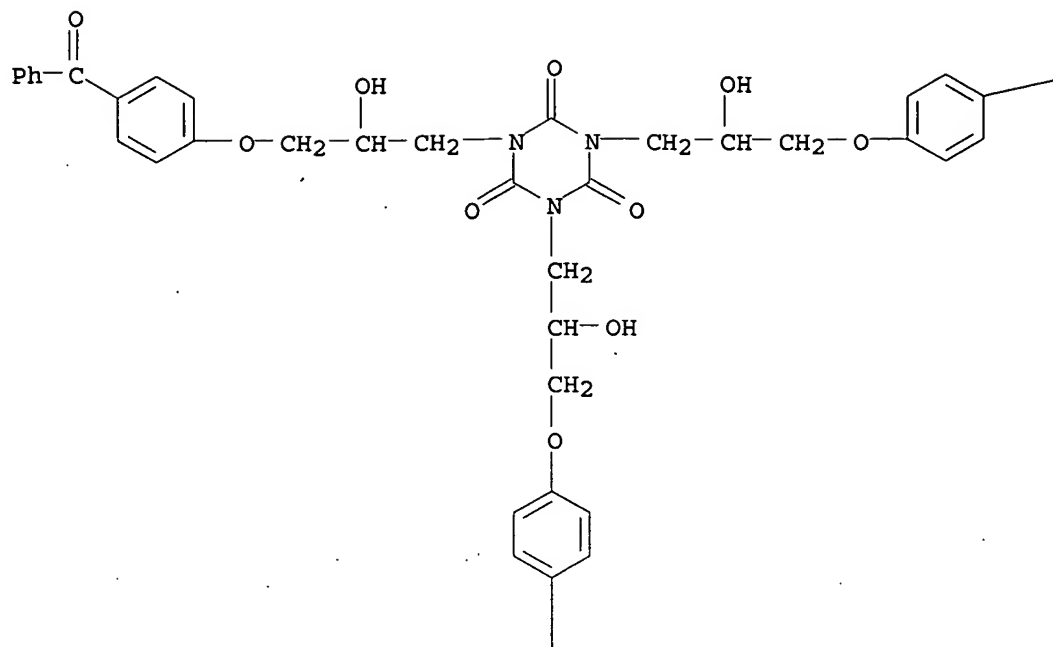


PAGE 2-A

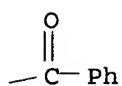


IT 917249-08-2P
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (hydrophilic photochem. crosslinkers for use in surface coatings)
 RN 917249-08-2 CAPLUS
 CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[3-(4-benzoylphenoxy)-2-hydroxypropyl]-, polymer with 1-ethenyl-2-pyrrolidinone and 2-oxepanone (CA INDEX NAME)
 CM 1
 CRN 917248-81-8
 CMF C51 H45 N3 O12

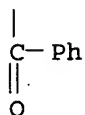
PAGE 1-A



PAGE 1-B

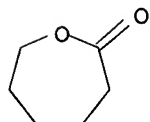


PAGE 2-A



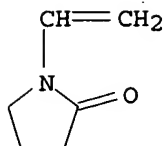
CM 2

CRN 502-44-3
CMF C6 H10 O2



CM 3

CRN 88-12-0
CMF C6 H9 N O



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:232600 CAPLUS

DN 144:294012

TI Epoxy resin compositions containing no phosphorus, halogens, and antimony oxide and electronic parts sealed with them with excellent fire resistance and reliability

IN Hosokawa, Haruomi; Tanaka, Masashi

PA Kyocera Chemical Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

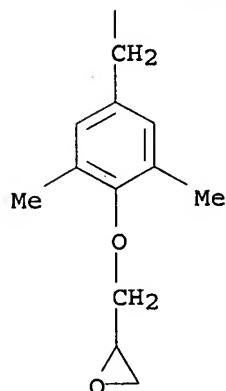
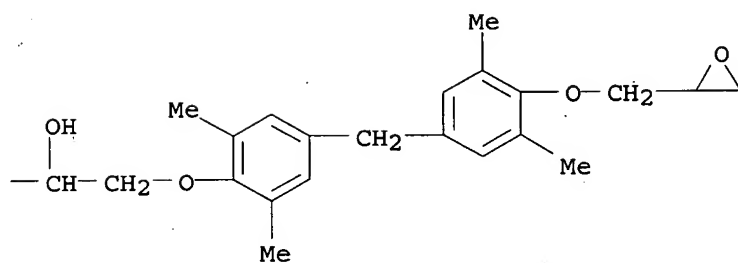
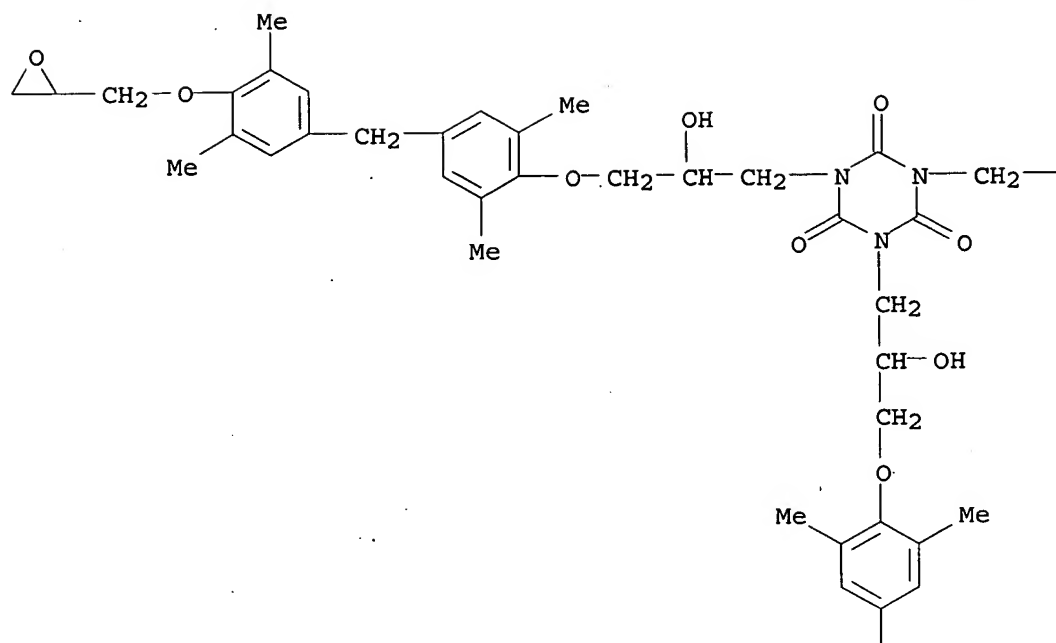
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006070199	A	20060316	JP 2004-257014	20040903
PRAI	JP 2004-257014		20040903		
OS	MARPAT 144:294012				

AB The comps. contain tri-R-substituted s-triazinetriene (A; R = CH₂CH₂C(OH)CH₂OQ₁XQ₂OG; G = glycidyl; Q₁ = 2-R₁-6-R₂-1,4-phenylene; Q₂ = 3-R₁-5-R₂-1,4-phenylene; R_{1,2} = H, alkyl; X = divalent group), phenolic resins, and 60-90% inorg. fillers. Thus, a composition containing A (Q₁ = 2,6-di-Me-1,4-phenylene; Q₂ = 3,5-di-Me-1,4-phenylene; X = CH₂) 10, novolak 3.5, and silica 85% was transfer-molded to give a test piece with fire resistance (UL 94) V-0 and good heat resistance at 175°.

IT 879210-87-4DP, reaction products with phenolic resins
RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES. (Uses) (semiconductor devices sealed with polyisocyanurate-based epoxy resin comps. with good fire and heat resistance)

RN 879210-87-4 CAPLUS

CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[3-[4-[[3,5-dimethyl-4-(oxiranylmethoxy)phenyl]methyl]-2,6-dimethylphenoxy]-2-hydroxypropyl]- (9CI) (CA INDEX NAME)



DN 137:343892
 TI Composition containing tris(hydroxyalkyl)isocyanurate-containing polymer
 for forming antireflection film for lithography
 IN Kishioka, Takahiro; Arase, Shinya; Mizusawa, Kenichi
 PA Nissan Chemical Industries, Ltd., Japan
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002086624	A1	20021031	WO 2002-JP3576	20020410
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1378796	A1	20040107	EP 2002-717099	20020410
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	CN 1502062	A	20040602	CN 2002-807941	20020410
	TW 225187	B	20041211	TW 2002-91107247	20020410
	JP 3804792	B2	20060802	JP 2002-584088	20020410
	US 2004110096	A1	20040610	US 2003-472695	20030924
	US 2006216652	A1	20060928	US 2006-444392	20060601
PRAI	JP 2001-111230	A	20010410		
	WO 2002-JP3576	W	20020410		
	US 2003-472695	A3	20030924		

AB A composition for forming an antireflection film for use in a lithog. process for semiconductor device production, which contains as a component a resin containing structural units derived from cyanuric acid, a derivative thereof,

or

both. The structural units are preferably tris(hydroxyalkyl)isocyanurate represented by I (R1-3 = H, halo, C1-10 alkyl, benzene derivative, etc.). The antireflection film for lithog. obtained from the composition has a high reflection-preventive effect and does not cause intermixing with a resist layer to give an excellent resist pattern. It has higher selectivity in dry etching than the resist.

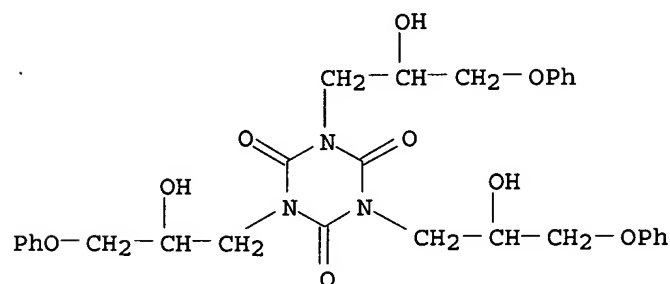
IT 17989-80-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(composition for forming antireflection film for lithog.)

RN 17989-80-9 CAPLUS

CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2-hydroxy-3-phenoxypropyl)-(9CI) (CA INDEX NAME)



IT 474094-64-9P, 2-Hydroxypropyl methacrylate-hexa(methoxymethyl)melamine-1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2-hydroxy-3-phenoxypropyl)-copolymer

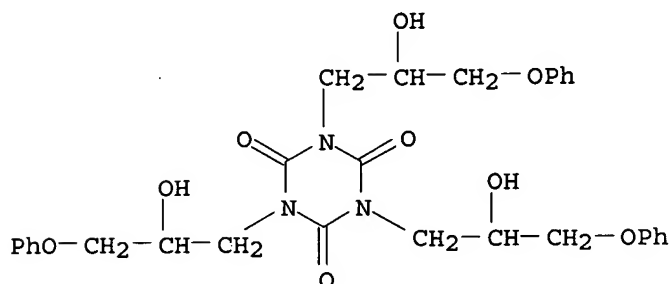
RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(composition for forming antireflection film for lithog.)

RN 474094-64-9 CAPLUS
 CN 2-Propenoic acid, 2-methyl-, 2-hydroxypropyl ester, polymer with
 N,N,N',N',N'',N''-hexakis(methoxymethyl)-1,3,5-triazine-2,4,6-triamine and
 1,3,5-tris(2-hydroxy-3-phenoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-
 trione (9CI) (CA INDEX NAME)

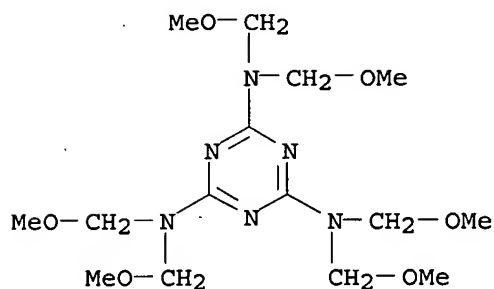
CM 1

CRN 17989-80-9
 CMF C30 H33 N3 O9



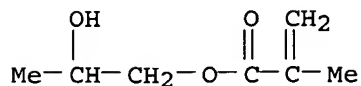
CM 2

CRN 3089-11-0
 CMF C15 H30 N6 O6



CM 3

CRN 923-26-2
 CMF C7 H12 O3



RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1994:581065 CAPLUS
 DN 121:181065
 TI NMR investigations of the possible cross reactions between cyanate and
 epoxy resins
 AU Fyfe, C. A.; Niu, J.; Rettig, S. J.; Wang, D. W.; Poliks, M. D.

point 70-98°.

IT 91601-50-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

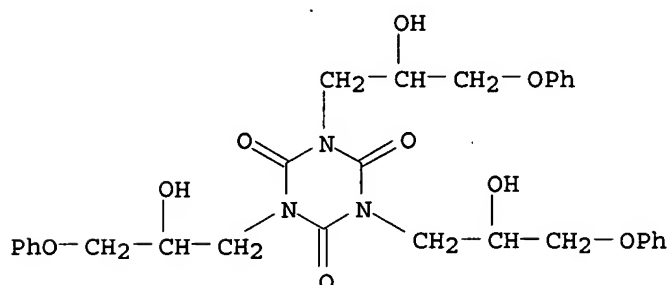
RN 91601-50-2 CAPLUS

CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2-hydroxy-3-phenoxypropyl)-, polymer with dichlorodimethylsilane (9CI) (CA INDEX NAME)

CM 1

CRN 17989-80-9

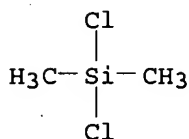
CMF C30 H33 N3 O9



CM 2

CRN 75-78-5

CMF C2 H6 Cl2 Si



L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1984:184725 CAPLUS

DN 100:184725

TI Organometallic complexes based on tris-substituted derivatives of isocyanuric acid

AU Eritsyan, M. L.; Karamyan, R. A.; Eritsyan, N. P.; Karapetyan, K. A.

CS Gos. Nauchno-Issled. Proektn. Inst. Polim. Kleev, Kirovakan, USSR

SO Koordinatsionnaya Khimiya (1984), 10(2), 195-200

CODEN: KOKHDC; ISSN: 0132-344X

DT Journal

LA Russian

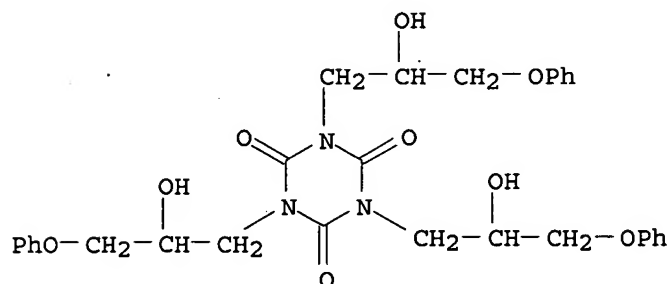
AB [CoL2Q2]n [HL = tris-1,3,5-(2'-hydroxy-3'-chloropropyl)isocyanuric acid (I), Q = NH3; HL = tris-1,3,5-(2'-hydroxy-3'-phenoxypropyl)isocyanuric acid (II), tris-1,3,5-[(2'-hydroxy-3'-phenoxypropoxy)methyl]isocyanuric acid (III), Q = NH3, Et2NH, HN(C2H4OH)2] and [CuL2Q2]n [HL = I, Q = NH3; HL = tris-1,3,5-(hydroxymethyl)isocyanuric acid, II, III, Q = NH3, Et2NH, HN(C2H4OH)2] were prepared and characterized by IR spectra. [CoL2]n and [CuL2]n were also prepared

IT 17989-80-9DP, cobalt and copper complexes

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 17989-80-9 CAPLUS

CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2-hydroxy-3-phenoxypropyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1982:473406 CAPLUS

DN 97:73406

TI Light stabilizers

PA Sumitomo Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57042742	A	19820310	JP 1980-118183	19800826
	JP 62045894	B	19870929		
PRAI	JP 1980-118183		19800826		

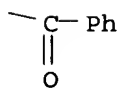
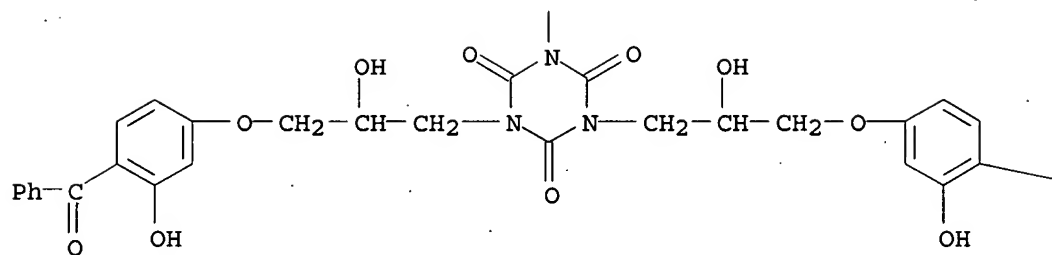
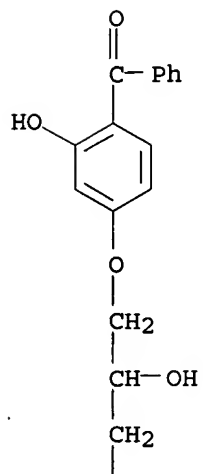
AB Compds. I (R = H, R1 = H [82438-55-9]; R = Ac, R1 = H [82447-33-4]; R = H, R1 = p-tert-Bu [82438-56-0]; R = H, R1 = o-Cl [82438-57-1]) are used light stabilizers for polyolefins. Thus, test pieces prepared from Noblen FS 200 [9003-07-0] containing Ca stearate 0.1%, 2,6-di-tert-butyl-4-methylphenol 0.05%, and I (R = H, R1 = H) 0.2% were irradiated for 360 h with a sunshine weatherometer before cracks formed on 1/3 of the surface, compared with 240 h for similar test pieces prepared from polymer not containing I.

IT 82438-55-9 82438-56-0 82438-57-1

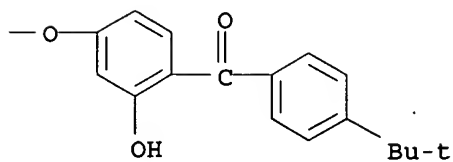
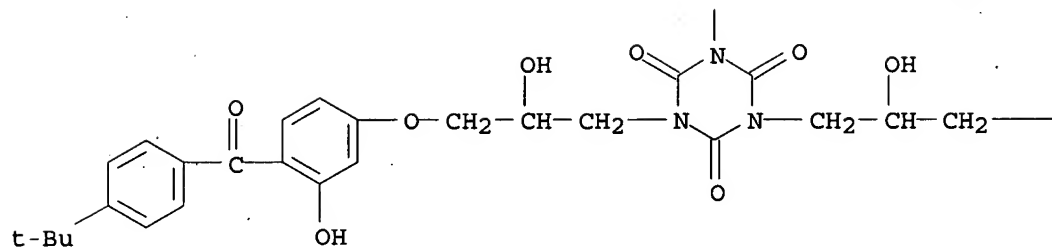
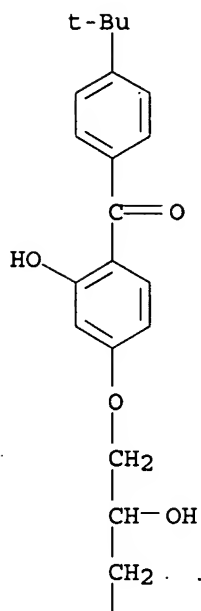
RL: MOA (Modifier or additive use); USES (Uses)
(light stabilizers, for polypropylene)

RN 82438-55-9 CAPLUS

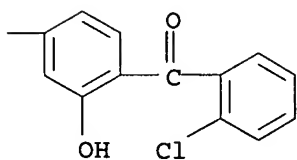
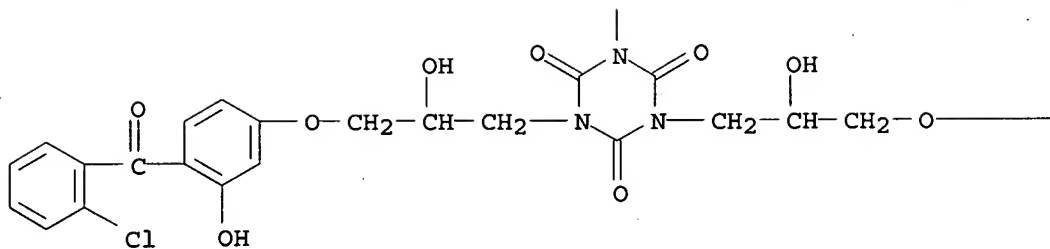
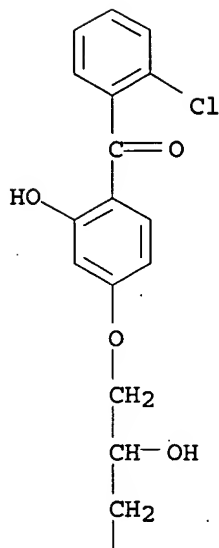
CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[3-(4-benzoyl-3-hydroxyphenoxy)-2-hydroxypropyl]- (9CI) (CA INDEX NAME)



RN 82438-56-0 CAPLUS
 CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[3-[4-[4-(1,1-dimethylethyl)benzoyl]-3-hydroxyphenoxy]-2-hydroxypropyl]- (9CI) (CA INDEX NAME)



RN 82438-57-1 CAPLUS
 CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[3-[4-(2-chlorobenzoyl)-3-hydroxyphenoxy]-2-hydroxypropyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1968:452532 CAPLUS
 DN 69:52532
 TI Maleate oligoesters containing isocyanuric rings
 AU Alaminov, Kh.; Mikhailov, M.; Damyanova, I.
 CS Res. Inst. Chem. Ind., Sofia, Bulg.
 SO Journal of Polymer Science, Polymer Symposia (1968), Volume Date 1967, No. 22 (Pt. 1), 419-30

DT Journal

LA English

AB A method of preparing oligoester maleates containing isocyanuric rings by copolycondensation of 3-(N-2-hydroxy-3-chloropropyl) isocyanurate (I), and of 3-N-2-hydroxy-3-phenoxypropyl) isocyanurate (II), with maleic anhydride alone or in mixts. with aliphatic or aromatic monocarboxylic and dicarboxylic acids was developed. The copolycondensations were made with maleic anhydride, with maleic and phthalic anhydride, with maleic anhydride and adipic acid, with maleic anhydride and oleic acid, and with maleic anhydride and stearic acid and were examined systematically. Oligoester maleates obtained from II have a higher temperature of dropping (dropping point) and a considerably higher thermostability than those obtained from I. The oligoester maleates obtained from I with maleic anhydride and stearic or oleic acids are soluble in styrene and aromatic hydrocarbons; those obtained with the other substances are partially soluble in styrene. All those obtained from II are soluble in styrene. The isocyanuric oligoester maleates synthesized are compatible with the com. oligoester maleates, such as those from ethylene glycol, diethylene glycol, and propylene glycol, and with their styrene solns. The hardened isocyanuric oligoester maleates have a considerably greater thermostability than com. oligomers hardened under the same conditions on an ethylene glycol, diethylene glycol, propylene glycol, or maleic anhydride base. The crosslinked polymers are flame-resistant.

IT 29434-52-4 29495-93-0 29660-16-0

RL: USES (Uses)

(fire-resistance and thermal stability of crosslinked)

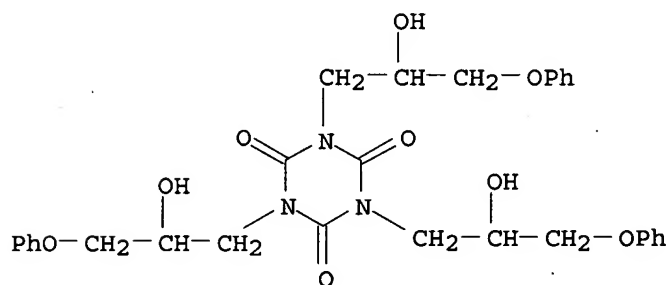
RN 29434-52-4 CAPLUS

CN Oleic acid, polyester with maleic anhydride and 1,3,5-tris(2-hydroxy-3-phenoxypropyl)-s-triazine-2,4,6(1H,3H,5H)-trione (8CI) (CA INDEX NAME)

CM 1

CRN 17989-80-9

CMF C30 H33 N3 O9

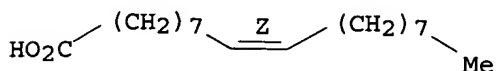


CM 2

CRN 112-80-1

CMF C18 H34 O2

Double bond geometry as shown.



CM 3

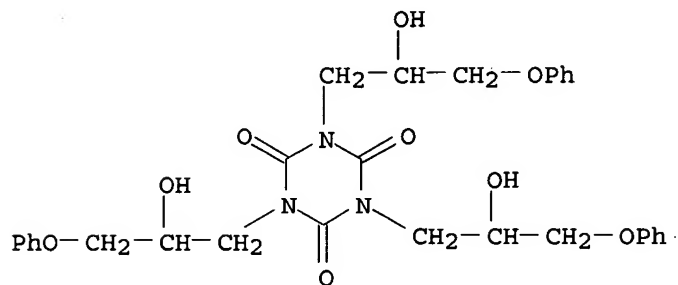
CRN 108-31-6
CMF C4 H2 O3



RN 29495-93-0 CAPLUS
CN Maleic anhydride, polyester with 1,3,5-tris(2-hydroxy-3-phenoxypropyl)-s-triazine-2,4,6(1H,3H,5H)-trione (8CI) (CA INDEX NAME)

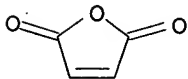
CM 1

CRN 17989-80-9
CMF C30 H33 N3 O9



CM 2

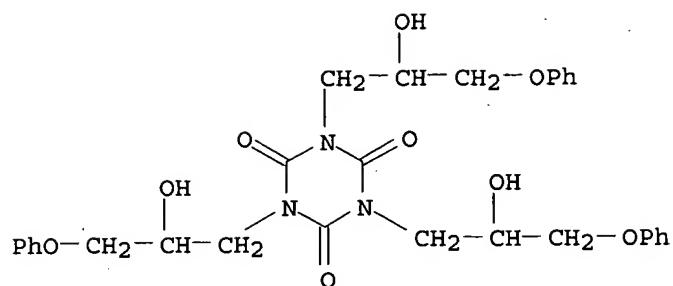
CRN 108-31-6
CMF C4 H2 O3



RN 29660-16-0 CAPLUS
CN Phthalic anhydride, polyester with maleic anhydride and 1,3,5-tris(2-hydroxy-3-phenoxypropyl)-s-triazine-2,4,6(1H,3H,5H)-trione (8CI) (CA INDEX NAME)

CM 1

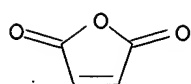
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CMF C30 H33 N3 O9



CM 2

CRN 108-31-6

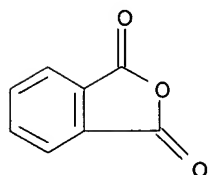
CMF C4 H2 O3



CM 3

CRN 85-44-9

CMF C8 H4 O3

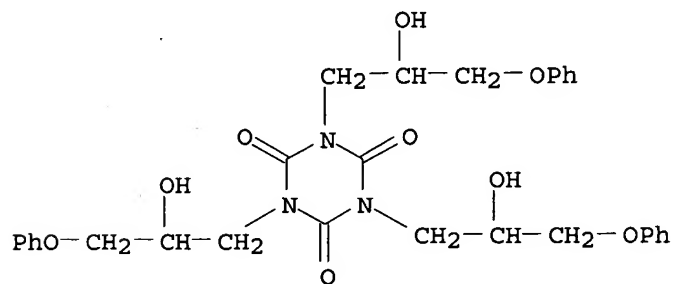


IT 17989-80-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 17989-80-9 CAPLUS

CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2-hydroxy-3-phenoxypropyl)- (9CI) (CA INDEX NAME)



=>

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2002:833109 CAPLUS
 DN 137:343892
 TI Composition containing tris(hydroxyalkyl)isocyanurate-containing polymer
 for forming antireflection film for lithography
 IN Kishioka, Takahiro; Arase, Shinya; Mizusawa, Kenichi
 PA Nissan Chemical Industries, Ltd., Japan
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002086624	A1	20021031	WO 2002-JP3576	20020410
	W: CN, JP, KR, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1378796	A1	20040107	EP 2002-717099	20020410
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	CN 1502062	A	20040602	CN 2002-807941	20020410
	TW 225187	B	20041211	TW 2002-91107247	20020410
	JP 3804792	B2	20060802	JP 2002-584088	20020410
	US 2004110096	A1	20040610	US 2003-472695	20030924
	US 2006216652	A1	20060928	US 2006-444392	20060601
PRAI	JP 2001-111230	A	20010410		
	WO 2002-JP3576	W	20020410		
	US 2003-472695	A3	20030924		

AB A composition for forming an antireflection film for use in a lithog. process
 for semiconductor device production, which contains as a component a resin
 containing structural units derived from cyanuric acid, a derivative thereof,

or

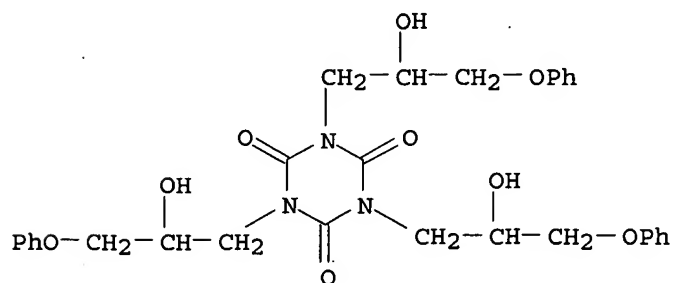
both. The structural units are preferably tris(hydroxyalkyl)isocyanurate
 represented by I (R1-3 = H, halo, C1-10 alkyl, benzene derivative, etc.). The
 antireflection film for lithog. obtained from the composition has a high
 reflection-preventive effect and does not cause intermixing with a resist
 layer to give an excellent resist pattern. It has higher selectivity in
 dry etching than the resist.

IT 17989-80-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (composition for forming antireflection film for lithog.)

RN 17989-80-9 CAPLUS

CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2-hydroxy-3-
 phenoxypropyl)- (9CI) (CA INDEX NAME)



IT 474094-64-9P, 2-Hydroxypropyl methacrylate-
 hexa(methoxymethyl)melamine-1,3,5-Triazine-2,4,6(1H,3H,5H)-trione,
 1,3,5-tris(2-hydroxy-3-phenoxypropyl)-copolymer

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(composition for forming antireflection film for lithog.)

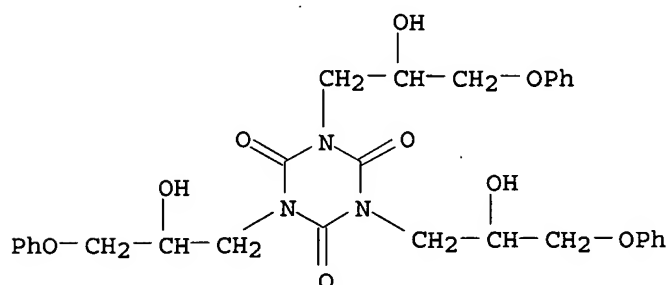
RN 474094-64-9 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 2-hydroxypropyl ester, polymer with
N,N,N',N',N'',N''-hexakis(methoxymethyl)-1,3,5-triazine-2,4,6-triamine and
1,3,5-tris(2-hydroxy-3-phenoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-
trione (9CI) (CA INDEX NAME)

CM 1

CRN 17989-80-9

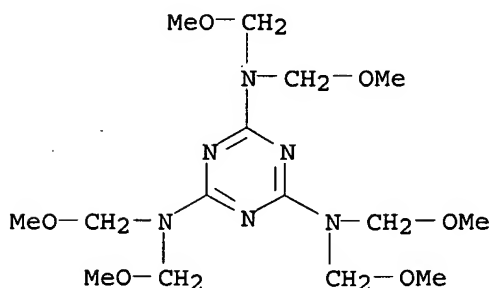
CMF C30 H33 N3 O9



CM 2

CRN 3089-11-0

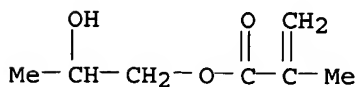
CMF C15 H30 N6 O6



CM 3

CRN 923-26-2

CMF C7 H12 O3



RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2001:167980 CAPLUS
 DN 134:193425
 TI Processes for the preparation of optically active oxazolidinone compounds
 IN Ikeda, Hisao; Takeyama, Toshiaki; Hidaka, Motohiko; Arai, Kazutaka
 PA Nissan Chemical Industries, Ltd., Japan
 SO PCT Int. Appl., 25 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001016118	A1	20010308	WO 2000-JP5829	20000829
	W: CA, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 2001139564	A	20010522	JP 2000-253380	20000824

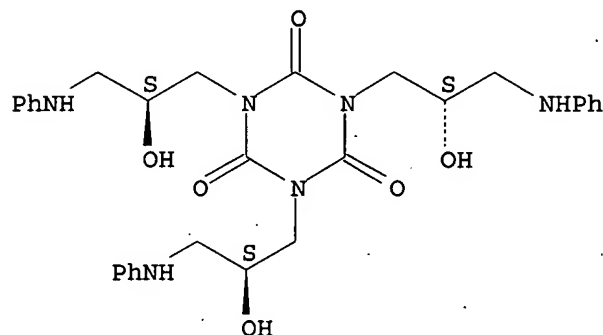
PRAI JP 1999-243309 A 19990830
 OS CASREACT 134:193425; MARPAT 134:193425

AB Optically active oxazolidinone compds. (I; * represents an asym. carbon; X = O, NR3, PR3, S; R1 = C1-36 organic group optionally containing ≥ 1 atom(s) selected from O, S, N, P; R2, R3 = H, C1-36 organic group optionally containing ≥ 1 atom(s) selected from O, S, N, P), useful as intermediates for the preparation of β blocker, are prepared by reacting optically active tris(2,3-epoxyalkyl) isocyanurate compds. (II; *, R2 = same as above) with alcs. or amines R1XH (X, R1 = same as above). Thus, KOH 140, (2R, 2R', 2R'')-tris(2,3-epoxypropyl) isocyanurate (optical purity $\geq 99\%$ e.e.) 6.18 g, α -naphthol 9.0 g, and 50 mL monochlorobenzene were stirred under reflux for 2 h to give 88% (5R)-5-(1-naphthyloxymethyl)oxazolidin-2-one.

IT 328047-98-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (processes for preparation of optically active oxazolidinone compds. by reaction of optically active tris(2,3-epoxypropyl) isocyanurate with alcs. or amines)

RN 328047-98-9 CAPLUS
 CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[(2S)-2-hydroxy-3-(phenylamino)propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L1 STRUCTURE UPLOADED
L2 0 S 530349Z1
L3 15 S L1 FULL

FILE 'CAPLUS' ENTERED AT 13:07:48 ON 01 MAR 2007

L4 9 S L3
L5 12059 S ANTIREFLECTIVE OR ANTI-REFLECTIVE
L6 1 S L4 AND L5
L7 STRUCTURE UPLOADED
L8 0 S 530349Z2
S L7

FILE 'REGISTRY' ENTERED AT 13:13:04 ON 01 MAR 2007

L9 0 S L7 FULL

FILE 'CAPLUS' ENTERED AT 13:13:05 ON 01 MAR 2007

L10 0 S L9 FULL
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S L11

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L13 1 S L11 FULL

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L14 1 S L13 FULL

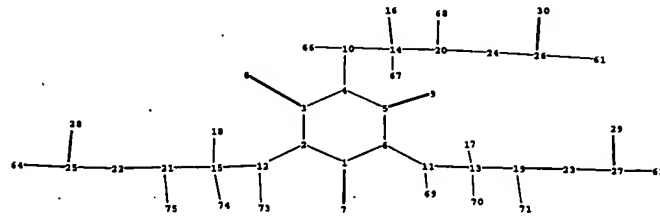
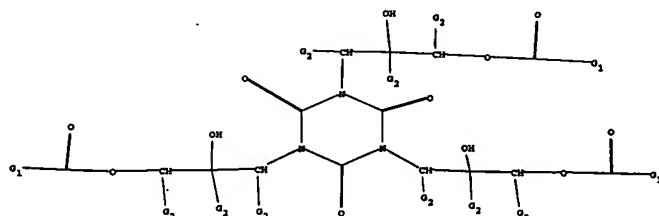
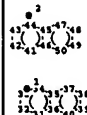
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L15 1 S L14

=> s 15 and l14

L16 0 L5 AND L14

=>



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 61 62 64
66 67 68 69 70 71 73 74 75

ring nodes :

1 2 3 4 5 6 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52
53 54 55 56

chain bonds :

1-7 2-12 3-8 4-10 5-9 6-11 10-14 10-66 11-13 11-69 12-15 12-73 13-17 13-19 13-70 14-16
14-20 14-67 15-18 15-21 15-74 19-23 19-71 20-24 20-68 21-22 21-75 22-25 23-27 24-26 25-28
25-64 26-30 26-61 27-29 27-62

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 31-32 31-36 32-33 33-34 34-35 35-36 35-37 36-40 37-38 38-39 39-40
41-42 41-46 42-43 43-44 44-45 45-46 45-47 46-50 47-48 48-49 49-50 51-52 51-56 52-53 53-54
54-55 55-56

exact/norm bonds :

1-2 1-6 1-7 2-3 2-12 3-4 3-8 4-5 4-10 5-6 5-9 6-11 10-66 11-69 12-73 13-17 13-70 14-16
14-67 15-18 15-74 19-23 19-71 20-24 20-68 21-22 21-75 22-25 23-27 24-26 25-28 25-64 26-30
26-61 27-29 27-62

exact bonds :

10-14 11-13 12-15 13-19 14-20 15-21

normalized bonds :

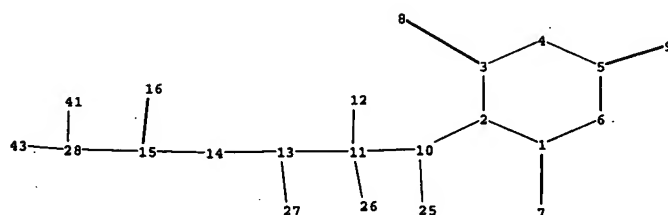
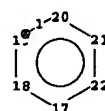
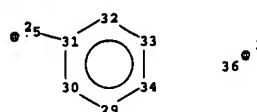
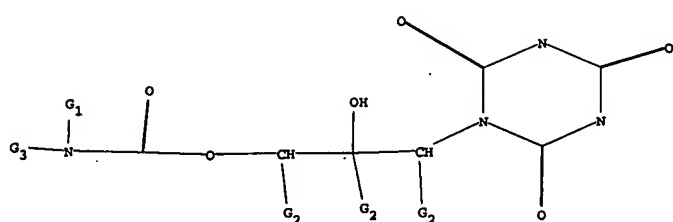
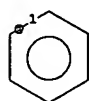
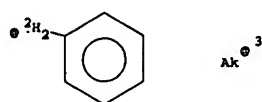
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44-45 45-46 45-47 46-50 47-48 48-49 49-50 51-52 51-56 52-53 53-54 54-55 55-56

G1:[*1],[*2],[*3]

G2:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS10:CLASS11:CLASS12:CLASS
13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS18:CLASS19:CLASS20:CLASS21:CLASS22:CLASS
23:CLASS24:CLASS25:CLASS26:CLASS27:CLASS28:CLASS29:CLASS30:CLASS31:Atom 32:Atom 33:Atom
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom
45:Atom 46:Atom 47:Atom 48:Atom 49:Atom 50:Atom 51:Atom 52:Atom 53:Atom 54:Atom 55:Atom
56:Atom 61:CLASS62:CLASS64:CLASS66:CLASS67:CLASS68:CLASS69:CLASS70:CLASS71:CLASS
73:CLASS74:CLASS75:CLASS



chain nodes :

7 8 9 10 11 12 13 14 15 16 25 26 27 28 35 36 41 43

ring nodes :

1 2 3 4 5 6 17 18 19 20 21 22 29 30 31 32 33 34

chain bonds :

1-7 2-10 3-8 5-9 10-11 10-25 11-12 11-13 11-26 13-14 13-27 14-15 15-16 15-28 28-41 28-43
31-35

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 17-18 17-22 18-19 19-20 20-21 21-22 29-30 29-34 30-31 31-32 32-33
33-34

exact/norm bonds :

1-2 1-6 1-7 2-3 2-10 3-4 3-8 4-5 5-6 5-9 10-25 11-12 11-26 13-14 13-27 14-15 15-16 15-28
28-41 28-43

exact bonds :

10-11 11-13 31-35

normalized bonds :

17-18 17-22 18-19 19-20 20-21 21-22 29-30 29-34 30-31 31-32 32-33 33-34

G1:[*1],[*2],[*3]

G2:CH3,Et,H

G3:H,[*1],[*2],[*3]

Match level :

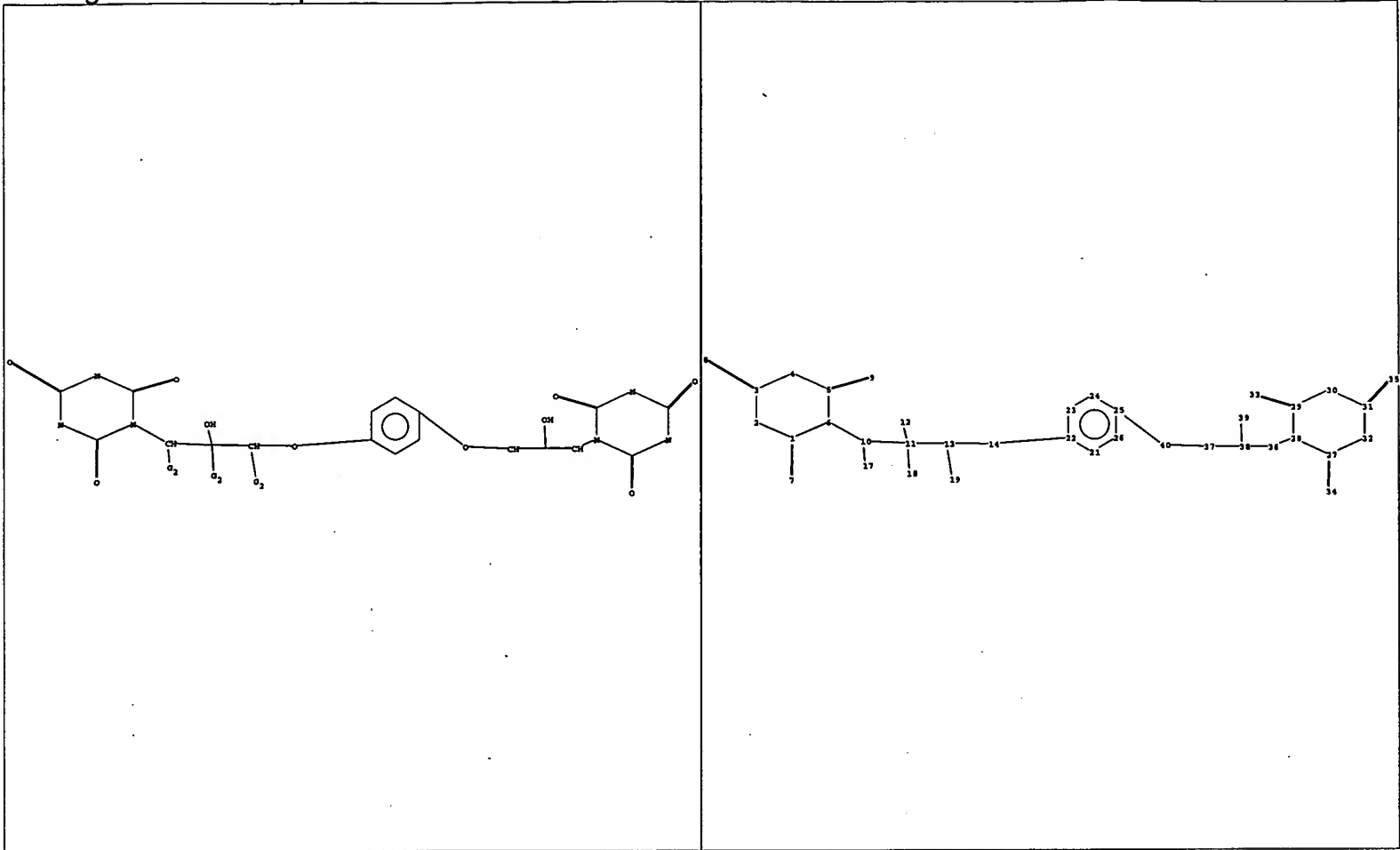
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13:CLASS14:CLASS15:CLASS16:CLASS17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 25:CLASS
26:CLASS27:CLASS28:CLASS29:CLASS30:CLASS31:CLASS32:Atom 33:Atom 34:Atom 35:CLASS36:CLASS
41:CLASS43:CLASS

Generic attributes :

36:
Saturation : Saturated
Number of Carbon Atoms : less than 7

Element Count :

Node 36: Limited
C,C1-6



chain nodes :

7 8 9 10 11 12 13 14 17 18 19 33 34 35 36 37 38 39 40

ring nodes :

1 2 3 4 5 6 21 22 23 24 25 26 27 28 29 30 31 32

chain bonds :

1-7 3-8 5-9 6-10 10-11 10-17 11-12 11-13 11-18 13-14 13-19 14-22 25-40 27-34 28-36 29-33
31-35 36-38 37-38 37-40 38-39

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 21-22 21-26 22-23 23-24 24-25 25-26 27-28 27-32 28-29 29-30 30-31
31-32

exact/norm bonds :

1-2 1-6 1-7 2-3 3-4 3-8 4-5 5-6 5-9 6-10 10-17 11-12 11-18 13-14 13-19 14-22 25-40 27-28
27-32 27-34 28-29 28-36 29-30 29-33 30-31 31-32 31-35 37-40 38-39

exact bonds :

10-11 11-13 36-38 37-38

normalized bonds :

21-22 21-26 22-23 23-24 24-25 25-26

G1

G2:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS10:CLASS11:CLASS12:CLASS
13:CLASS14:CLASS17:CLASS18:CLASS19:CLASS21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom
27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:CLASS34:CLASS35:CLASS36:CLASS37:CLASS
38:CLASS39:CLASS40:CLASS

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:333991 CAPLUS

DN 140:359011

TI Bottom anti-reflective coatings derived from small core molecules with multiple epoxy moieties

IN Neef, Charles J.; Bhave, Mandar; Fowler, Michelle; Windsor, Michelle

PA Brewer Science, Inc., USA

SO PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004034435	A2	20040422	WO 2003-US332091	20031007
	WO 2004034435	A3	20050728		
	W:				
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	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004110089	A1	20040610	US 2003-679521	20031006
	AU 2003282554	A1	20040504	AU 2003-282554	20031007
	EP 1573785	A2	20050914	EP 2003-774743	20031007
	EP 1573785	A3	20050921		
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	JP 2006502448	T	20060119	JP 2004-543632	20031007
	CN 1739063	A	20060222	CN 2003-80104562	20031007
PRAI	US 2002-417214P	P	20021008		
	US 2003-679521	A	20031006		
	WO 2003-US32091	W	20031007		

OS MARPAT 140:359011

AB Novel anti-reflective coatings comprising small mols. (e.g., less than about 5000 g/mol) in lieu of high mol. weight polymers and methods of using those coatings are provided. In one embodiment, aromatic carboxylic acids are used as the chromophores, and the resulting compds. are blended with a crosslinking agent and an acid. Anti-reflective coating films prepared according to the invention exhibit improved properties compared to high mol. weight polymeric anti-reflective coating films. The small mol. anti-reflective coatings have high etch rates and good via fill properties. Photolithog. processes carried out with the inventive material result in freestanding, 110-nm profiles. Thus, heating tris(2,3-epoxypropyl)isocyanurate 17.84 with 4-hydroxybenzoic acid 24.86, benzyltriethylammonium chloride 1.03 and propylene glycol Pr ether 384.3 g at 120° for 16 h under N and mixing the resulting mother liquor 20 with Powderlink 1174 (crosslinking agent) 0.50, p-toluenesulfonic acid 0.06 g, propylene glycol Pr ether 10.84 and Et lactate 28.84 g gave a coating which was coated on a wafer, baked at 205° for seconds, sprayed with Et acetate or propylene glycol monomethyl ether acetate and spin dried to give a coat film with good claimed properties.

IT 681258-74-2P

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

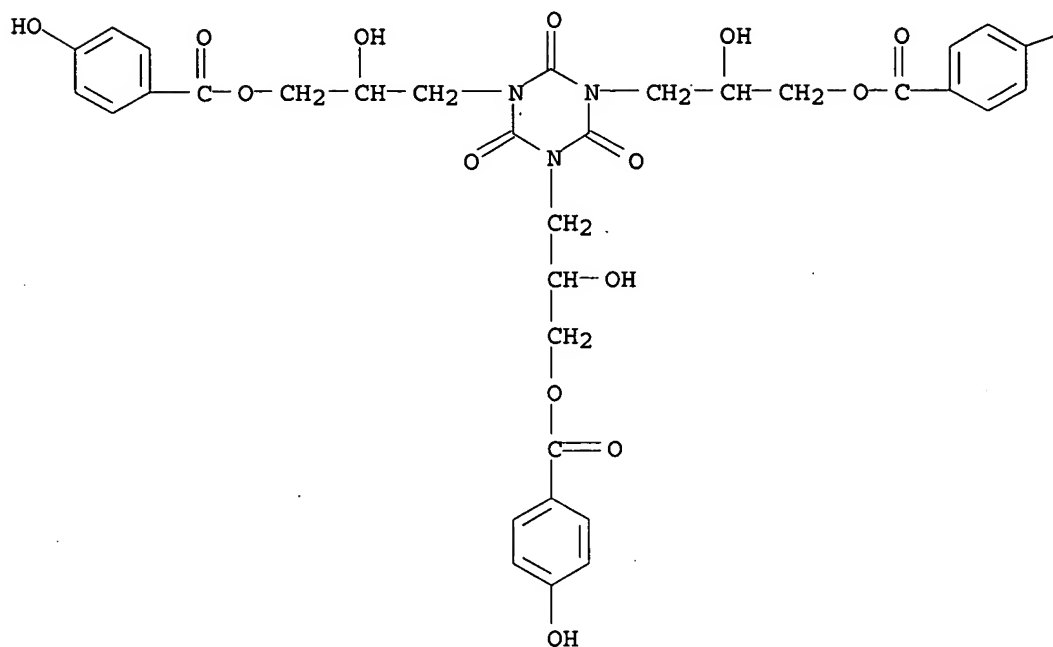
(bottom anti-reflective coatings derived from small core mols. with multiple epoxy moieties)

RN 681258-74-2 CAPLUS

CN Benzoic acid, 4-hydroxy-, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H,4H,6H) -

triyl)tris(2-hydroxy-3,1-propanediyl) ester (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

—OH

IT 681258-75-3P
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(bottom anti-reflective coatings derived from small core mols. with multiple epoxy moieties)

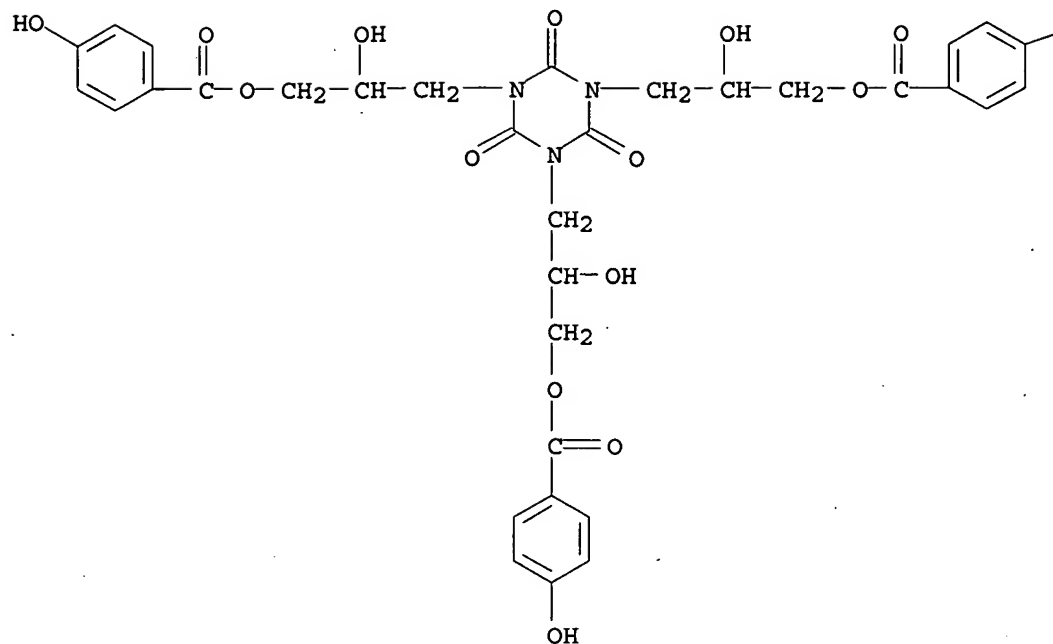
RN 681258-75-3 CAPLUS

CN Benzoic acid, 4-hydroxy-, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H,4H,6H)-triyl)tris(2-hydroxy-3,1-propanediyl) ester, polymer with tetrahydro-1,3,4,6-tetrakis(methoxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (9CI) (CA INDEX NAME)

CM 1

CRN 681258-74-2

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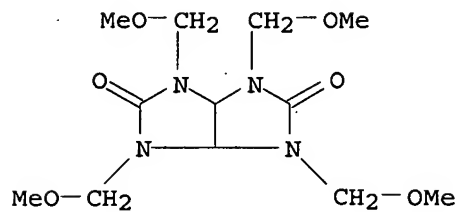


—OH

CM 2

CRN 17464-88-9

CMF C12 H22 N4 O6



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 OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
 TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004110089 A1 20040610 US 2003-679521 20031006
 AU 2003282554 A1 20040504 AU 2003-282554 20031007
 EP 1573785 A2 20050914 EP 2003-774743 20031007
 EP 1573785 A3 20050921

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

JP 2006502448 T 20060119 JP 2004-543632 20031007
 CN 1739063 A 20060222 CN 2003-80104562 20031007

PRAI US 2002-417214P P 20021008
 US 2003-679521 A 20031006
 WO 2003-US32091 W 20031007

OS MARPAT 140:359011

AB Novel anti-reflective coatings comprising small mols. (e.g., less than about 5000 g/mol) in lieu of high mol. wt. polymers and methods of using those coatings are provided. In one embodiment, arom. carboxylic acids are used as the chromophores, and the resulting compds. are blended with a crosslinking agent and an acid. Anti-reflective coating films prep'd. according to the invention exhibit improved properties compared to high mol. wt. polymeric anti-reflective coating films. The small mol. anti-reflective coatings have high etch rates and good via fill properties. Photolithog. processes carried out with the inventive material result in freestanding, 110-nm profiles. Thus, heating tris(2,3-epoxypropyl)isocyanurate 17.84 with 4-hydroxybenzoic acid 24.86, benzyltriethylammonium chloride 1.03 and propylene glycol Pr ether 384.3 g at 120.degree. for 16 h under N and mixing the resulting mother liquor 20 with Powderlink 1174 (crosslinking agent) 0.50, p-toluenesulfonic acid 0.06 g, propylene glycol Pr ether 10.84 and Et lactate 28.84 g gave a coating which was coated on a wafer, baked at 205.degree. for seconds, sprayed with Et acetate or propylene glycol monomethyl ether acetate and spin dried to give a coat film with good claimed properties.

IT ***681258-74-2P***

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

(bottom anti-reflective coatings derived from small core mols. with multiple epoxy moieties)

RN 681258-74-2 CAPLUS

CN Benzoic acid, 4-hydroxy-, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H,4H,6H)-triyl)tris(2-hydroxy-3,1-propanediyl) ester (9CI) (CA INDEX NAME)

/ Structure 71 in file .gra /

/ Structure 72 in file .gra /

IT ***681258-75-3P***

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(bottom anti-reflective coatings derived from small core mols. with multiple epoxy moieties)

RN 681258-75-3 CAPLUS

CN Benzoic acid, 4-hydroxy-, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H,4H,6H)-triyl)tris(2-hydroxy-3,1-propanediyl) ester, polymer with tetrahydro-1,3,4,6-tetrakis(methoxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (9CI) (CA INDEX NAME)

CM 1

CRN 681258-74-2

CMF C33 H33 N3 O15

/ Structure 73 in file .gra /

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679521.ap

Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval Class	Inventor
US 20040110089	20040610	11	Bottom anti-reflective coatings derived	430/271.1	430/280.1;		Neef, Charles J. et al.

Ready

10/530, 349, USpat, US-PGPUB, JPO, EPO, Derwent
 IBMID, USACK, FPRS

3/1/07
 3/2/07
 RPA